

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Toshinari Takayanagi

Title:

NEGATIVE BIAS TEMPERATURE INSTABILITY (NBTI)

PRECONDITIONING OF MATCHED DEVICES

Application No.: 10/664,104

Filed:

September 17, 2003

Examiner:

Not yet assigned

Group Art Unit: 2811

Atty. Docket No.: 004-9196

October 27, 2004

Mail Stop Amendment **COMMISSIONER FOR PATENTS** P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT 37 C.F.R. § 1.97(b)

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\boxtimes	Form(s) PTO-1449 (1 pages), including copy(ies) of 0 reference(s)
	Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

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- 3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

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For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action

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by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

FEE AUTHORIZATION

This Information Disclosure Statement is filed within three months of the filing
date of a national application other than a continued prosecution application under
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The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

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1-1-11

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Respectfully submitted

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U.S. Department of Commerce, Patent and Trademark Office					Attorney Docket No.:	004-9196		
					Application No.:	10/664,104		
	FORMA'	TION DISCLOSURE STATI	NT	Applicant(s):	Toshinari Takayanagi			
(Use several sheets if necessary)					Filing Date:	September 17, 2003		
					Group Art Unit:	2811		
10, 400 P					Date Submitted:	October 27, 20	104	
· **	,		U.S. Patent Docu	ments				
VI a TRAC Examiner Initial		Document Number	Date		Name			
	AA	5,248,946	28 Sep. 1993	Murakami	et al.			
_	AB	5,696,726	09 Dec. 1997	Tsukikawa	Tsukikawa			
	AC	6,285,611	04 Sep. 2001	Kang	Kang			
·,	AD	6,531,931	11 Mar. 2003	Benyamin	et al.			
	. AE	6,756,841	29 Jun. 2004	Jaussi et al	aussi et al.			
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
			Foreign Patent Doo	cuments				
					Translation			
	<u> </u>	Document	Date		Country	Yes	No	
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	AP			<u></u>				
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